

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a data model. The data model allows for modeling of all information relating to a computer network to be conveniently stored in a database in a manner which minimizes the effort associated with the addition of new devices to the network and maximizes software code reuse. The information relating to the network that may be modeled in the data model of the present invention include: software information, configuration information, monitoring information, hardware information, domain name server (DNS) information, network information, and information regarding queues that may be used by business logic, or intelligent agents in accessing and maintaining various portions of the network.